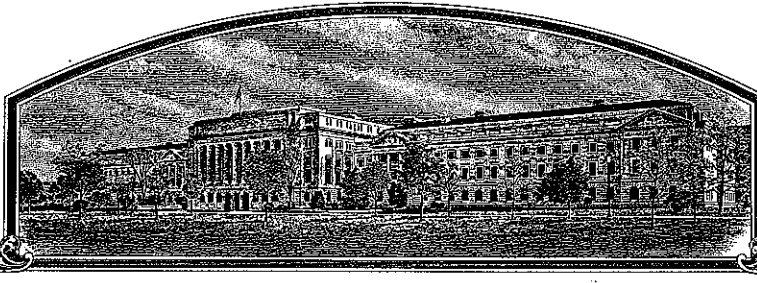


No.

200000020



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Mission Ranches

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

LETTUCE

'Loneoak'



In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this nineteenth day of September, in the year two thousand and five.

Attest:

[Signature]
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

[Signature]
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).


1. NAME OF APPLICANT(S) <i>(as it is to appear on the Certificate)</i> Mission Ranches		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER Red Oak	3. VARIETY NAME Loneoak
4. ADDRESS <i>(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)</i> 100 Broadway King City, CA 93930		5. TELEPHONE <i>(include area code)</i> (831) 385-1263	FOR OFFICIAL USE ONLY PVPO NUMBER 200000020
7. GENUS AND SPECIES NAME Lactuca sativa		6. FAX <i>(include area code)</i> (831) 385-3340	DATE Oct. 25, 1999
8. FAMILY NAME <i>(Botanical)</i> Compositae		FILED DATE Oct. 25, 1999	
9. CROP KIND NAME <i>(Common name)</i> Lettuce			
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION <i>(corporation, partnership, association, etc.) (Common name)</i> Partnership			
11. IF INCORPORATED, GIVE STATE OF INCORPORATION		12. DATE OF INCORPORATION	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS Dean Gregg 100 Broadway King City, CA 93930		14. TELEPHONE <i>(include area code)</i> (831) 809-3959	
15. FAX <i>(include area code)</i> (831) 726-2961		CERTIFICATION FEE: + 2450.00 DATE Oct. 25, 1999 CERTIFICATION FEE: + 682- DATE July 28, 2005	
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED <i>(Follow instructions on reverse)</i> a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of the Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety <i>(Optional)</i> e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Applicant's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" <i>(Mail to PVPO)</i>			
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? <i>(See Section 83(a) of the Plant Variety Protection Act)</i> <input type="checkbox"/> YES <i>(If "yes," answer items 18 and 19 below)</i> <input checked="" type="checkbox"/> NO <i>(If "no," go to item 20)</i>			
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO		19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED	
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETING IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <i>(If "yes," give names of countries and dates)</i> <input checked="" type="checkbox"/> NO			
21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned applicant(s) is/are the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Applicant(s) is/are informed that false representation herein can jeopardize protection and result in penalties.			
SIGNATURE OF APPLICANT <i>(Owner(s))</i> 		SIGNATURE OF APPLICANT <i>(Owner(s))</i> 	
NAME <i>(Please print or type)</i> Stan Pura		NAME <i>(Please print or type)</i> 	
CAPACITY OR TITLE Partner		CAPACITY OR TITLE 	
DATE 10/21/99		DATE 	

EXHIBIT A

Loneoak is a red oakleaf type of lettuce developed expressly for the expanding "baby leaf" salad mix market. Loneoak was derived from a cross made in 1995, between Red Salad Bowl and the F₁ of Dark Lollo Rosa x El Dorado.

The F₁ seeds were planted in Oct., 1995, the seedlings were inoculated with lettuce downy mildew (*Bremia lactucae*) and the resistant plants saved.

F₂ seed was planted in April 1996; the seedlings were again inoculated with downy mildew and the resistant ones were selected for dark red color, oak leaf shape and thick leaf texture.

F₃ seed was collected individually from the F₂ plants. Each was indexed for resistance to downy mildew and in Dec., 1996, only those homozygous for resistance were advanced. Selections were made from those lines that were most uniform for dark red color, oak leaf shape and thick leaf texture.

The same selection criteria were repeated on the F₄ lines in July of 1997.

NOTE: All selection work to this point was by pedigree selection and the selections were taken at the "baby leaf" market stage (4"-5" seedlings).

Selections within the most uniform F₄ line were massed and advanced to F₅ by mid-1998. Observation of the F₆ in February, 1999, was favorable and the line was named Loneoak. Observations of the F₇ have been completed in September, 1999.

Loneoak has been observed through 3 generations (F_{5,6,7}) of reproduction and is found to be uniform and stable. No variants have been observed.

Loneoak is easily distinguished from Red Salad Bowl by its darker red color and its resistance to most strains of lettuce downy mildew.

EXHIBIT B

Loneoak is most similar to Red Salad Bowl, but differs significantly due to its darker red color and the fact that it is resistant to downy mildew Pathotypes I, IIA, IIB, III, IV and V. Red Salad Bowl is resistant only to Pathotype IIA.

The color of Loneoak is 187A on the Royal Horticultural Society Colour Chart.

Lettuce application No. 200000020, 'Loneoak'

Exhibit B

Loneoak carries downy mildew resistant gene, Dm18. Red Salad Bowl does not carry resistant gene, Dm18.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION
OBJECTIVE DESCRIPTION OF VARIETY
LETTUCE *Lactuca sativa*

EXHIBIT

NAME OF APPLICANT (S) Mission Ranches ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) 100 Broadway King City, CA 93930	FOR OFFICIAL USE ONLY VPPO NUMBER 2000000201 VARIETY NAME EXPERIMENTAL DESIGNATION
--------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Place numbers in the boxes for the characters which best describe this variety. Measured data should be the mean of an appropriate number (at least 10) of well spaced plants. Royal Horticultural Society or any recognized color standard may be used to determine plant colors.

The location of the test area is: California Color System Used: Royal Horticultural Society Colour Chart

1. PLANT TYPE: (See list of suggested check varieties page 4.)

01	01=Cutting/Leaf 02=Butterhead 03=Bibb 04=Cos or Romaine	05=Great Lakes Group 06=Vanguard Group 07=Imperial Group 08=Eastern (Ithaca) Group	09=Stem 10=Latin 11=OTHER
----	------------------------------------------------------------------	---------------------------------------------------------------------------------------------	---------------------------------

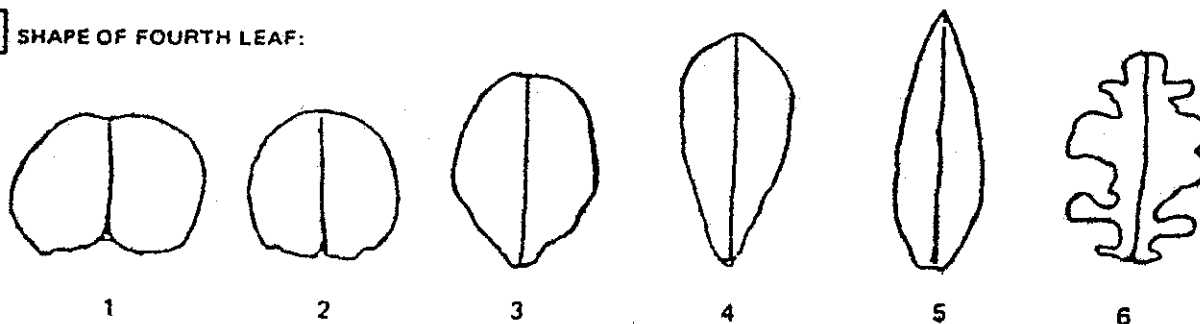
2. SEED:

COLOR 1=White (Silver Gray) 2=Black (Gray Brown) 3=Brown (Amber)	LIGHT DORMANCY 1=Light Required 2=Light Not Required	HEAT DORMANCY 1=Susceptible 2=Not Susceptible
----------------------------------------------------------------------------------	-------------------------------------------------------------------	------------------------------------------------------------

3. COTYLEDON TO FOURTH LEAF STAGE: NOTE: Provide a color photograph or photocopy of the fourth leaf from 20 day old seedling grown under optimal conditions.

2 **SHAPE OF COTYLEDONS:** 1=Broad 2=Intermediate 3=Spatulate

6 **SHAPE OF FOURTH LEAF:**



2 2 **LENGTH/WIDTH INDEX OF FOURTH LEAF: LW x 10**

7 APICAL MARGIN:	1=Entire	4=Moderately Dentate	7=Lobed
7 BASAL MARGIN:	2=Crenate/Gnawed	5=Coarsely Dentate	8=OTHER (specify)
	3=Finely Dentate	6=Incised	

2 UNDULATION:	1=Flat	2=Slight	3=Medium	4=Marked
----------------------	--------	----------	----------	----------

2 GREEN COLOR:	1=Yellow Green	3=Medium Green	5=Blue Green	7=Gray Green
	2=Light Green	4=Dark Green	6=Silver Green	

ANTHOCYANIN:

4 DISTRIBUTION:	1=Absent	3=Spotted	5=OTHER (specify)
	2=Margin Only	4=Throughout	

3 CONCENTRATION:	1=Light	2=Moderate	3=Intense
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1 ROLLING:	1=Absent	2=Present
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1 CUPPING:	1=Uncupped	2=Slight	3=Markedly
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1 REFLEXING:	1=None	2=Apical Margin	3=Lateral Margins
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4. MATURE LEAVES (observe harvest-mature outer leaves):

NOTE: Provide color photo of harvest-mature leaves which accurately shows color and margin characteristics.

2000000201

MARGIN:

3	INCISION DEPTH: (deepest penetration of the margin)	1=Absent/Shallow (Dark Green Boston)	2=Moderate (Vanguard)	3=Deep (Great Lakes 659)
2	INDENTATION: (finest divisions of the margin)	1=Entire (Dark Green Boston) 2=Shallowly Dentate (Great Lakes 65)	3=Deeply Dentate (Great Lakes 659) 4=Crenate (Vanguard)	5=OTHER (specify)
2	UNDULATION OF THE APICAL MARGIN:	1=Absent/Slight (Dark Green Boston)	2=Moderate (Vanguard)	3=Strong (Great Lakes 659)
3	GREEN COLOR:	1=Very Light Green (Bibb) 2=Light Green (Minetto)	3=Medium Green (Great Lakes) 4=Dark Green (Vanguard)	5=Very Dark Green 6=OTHER
ANTHOCYANIN (grown at or below 10 C):				
4	DISTRIBUTION:	1=Absent 2=Margin Only (Big Boston)	3=Spotted (Calif. Cream Butter) 4=Throughout (Prize Head)	5=OTHER (specify)
3	CONCENTRATION:	1=Light (Iceberg)	2=Moderate (Prize Head)	3=Intense (Ruby)
1	SIZE:	1=Small	2=Medium	3=Large
2	GLOSSINESS:	1=Dull (Vanguard)	2=Moderate (Salinas)	3=Glossy (Great Lakes)
1	BLISTERING:	1=Absent/Slight (Salinas)	2=Moderate (Vanguard)	3=Strong (Prize Head)
3	LEAF THICKNESS:	1=Thin	2=Intermediate	3=Thick
1	TRICHOMES:	1=Absent (smooth)	2=Present (spiny)	

5. PLANT (at market stage. Choose a comparison variety appropriate for this type.):

SPREAD OF FRAME LEAVES:

4	3	cm This Variety	4	7	cm Red Salad Bowl	(specify comparison variety)
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HEAD DIAMETER (market trimmed with single cap leaf):

4	3	cm This Variety	4	7	cm Red Salad Bowl	(specify comparison variety)
---	---	-----------------	---	---	-------------------	------------------------------

HEAD SHAPE:

5	HEAD SHAPE:	1=Flattened 2=Slightly Flattened	3=Spherical 4=Elongate	5=Non-Heading 6=OTHER
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HEAD SIZE CLASS:

1	HEAD SIZE CLASS:	1=Small	2=Medium	3=Large
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HEAD COUNT PER CARTON

JM 418

HEAD WEIGHT:

3	8	3	g This Variety	4	6	2	g Red Salad Bowl	(specify comparison variety)
---	---	---	----------------	---	---	---	------------------	------------------------------

HEAD FIRMNESS:

1	HEAD FIRMNESS:	1=Loose 2=Moderate	3=Firm 4=Very Firm
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6. BUTT (bottom of market-trimmed head):

JM 3/

SHAPE:

3	SHAPE:	1=Slightly Concave	2=Flat	3=Rounded
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MIDRIB:

2	MIDRIB:	1=Flattened (Salinas)	2=Moderately Raised	3=Prominently Raised (Great Lakes 659)
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7. CORE (stem of market-trimmed head):

2	7	mm Diameter at base of head
---	---	-----------------------------

Ratio of head diameter/core diameter

159

Core height from base of head to apex:

4	4	mm This Variety	5	1	mm Red Salad Bowl	(specify comparison variety)
---	---	-----------------	---	---	-------------------	------------------------------

8. BOLTING (Give First Water Date May 10):

NOTE: First Water Date is the date seed first receives adequate moisture to germinate. This can and often does equal the planting date.

Number of days from First Water Date to seed stalk emergence (summer conditions):

6	4	This Variety	6	4	Red Salad Bowl	(specify comparison variety)
---	---	--------------	---	---	----------------	------------------------------

BOLTING CLASS:

4	BOLTING CLASS:	1=Very Slow 2=Slow	3=Medium 4=Rapid	5=Very Rapid
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Height of mature seed stalk:

9	1	cm This Variety	1	2	3	cm Red Salad Bowl	(specify comparison variety)
---	---	-----------------	---	---	---	-------------------	------------------------------

Spread of Bolter Plant (at widest point):
 cm This Variety cm Red Salad Bowl (specify comparison variety)

BOLTER LEAVES: 1=Straight 2=Curved

MARGIN: 1=Entire 2=Dentate

COLOR: 1=Light Green 2=Medium Green 3=Dark Green

BOLTER HABIT:

TERMINAL INFLORESCENCE: 1=Absent 2=Present

LATERAL SHOOTS: (above head) 1=Absent 2=Present

BASAL SIDE SHOOTS: 1=Absent 2=Present

9. MATURITY (earliness of harvest-mature head formation):

NOTE: Complete this section for at least one season.

SEASON	Applic. 1/ # of days	Check 1/ # of days	CHECK VARIETY 2/
Spring	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="7"/>	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="1"/>	Red Salad Bowl
Summer	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	
Fall	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	
Winter	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	

Give planting date(s), and location(s):

Spring January 6, 1999 Aromas, CA

Summer _____

Fall _____

Winter _____

1/ First water date to harvest. 2/ Fill in check variety name on the appropriate line.

10. ADAPTATION:

PRIMARY REGIONS OF ADAPTION (tested and proven adapted): (0=Not tested 1=Not Adapted 2=Adapted)

Southwest (Calif., Ariz. desert) West Coast Northeast

Northcentral Southeast OTHER _____

SEASON:

Spring (area West Coast) Fall (area West Coast)

Summer (area West Coast) Winter (area Southwest)

GREENHOUSE: 0=Not tested 1=Not Adapted 2=Adapted

SOIL TYPE: 1=Mineral 2=Organic 3=Both

VIRUS

- ☐ Big Vein
☒ Lettuce Mosaic
☐ Cucumber Mosaic
☐ Broad Bean Wilt
☐ Turnip Mosaic
☐ Beet Western Yellows
☐ Lett. Infectious Yellows
☐ Other Virus _____

FUNGAL/BACTERIAL

- ☐ Corky Root Rot (Pythium Root Rot)
☒ Downy Mildew (Races I, IIA, IIB, III), IV, V
☐ Powdery Mildew
☐ Sclerotinia Rot
☐ Bacterial Soft Rot (Pseudomonas spp. & others)
☐ Botrytis (Gray Mold)
☐ OTHER _____

INSECTS

- ☒ Cabbage Loopers
☐ Root Aphids
☒ Green Peach Aphid
☐ Other Insect _____

PHYSIOLOGICAL/STRESS

- ☐ Tipburn
☒ Heat
☐ Drought
☒ Cold
☐ Salt
☐ Brown Rib (Rib Discoloration, Rib Blight)
☐ OTHER _____

POST HARVEST

- ☐ Pink Rib
☐ Russet Spotting
☐ Rusty Brown Discoloration
☐ Internal Rib Necrosis (Blackheart, Gray Rib, Gray Streak)
☐ Brown Stain

12. BIOCHEMICAL OR ELECTROPHORETIC MARKERS:

13. COMMENTS:

SUGGESTED CHECK VARIETIES

- | TYPE | CHECK VARIETY |
|----------------------|---------------------|
| 1) CUTTING/LEAF | SALAD BOWL |
| 2) BUTTERHEAD | DARK GREEN BOSTON |
| 3) B188 | B188 |
| 4) COS, OR ROMAINE | PARRIS ISLAND |
| 5) GREAT LAKES GROUP | GREAT LAKES 659-700 |
| 6) VANGUARD GROUP | VANGUARD |
| 7) IMPERIAL GROUP | VIVA |
| 8) EASTERN GROUP | ITHACA |
| 9) STEM | CELTOCE |
| 10) LATIN | MATCHLESS |

EXHIBIT C
(supplement)

Item 7: ratio of head diameter/core diameter

As Loneoak is a leafy spreading type of plant, it does not form a true head, so the head diameter can only be the same as the frame width which accounts for the unusually large "head".

Also the core has been selected to have a very small diameter so that the leaf attachment area is very small. See photograph in item 4. The small attachment is a plus for longer shelf and is preferred by the industry.

These two extremes are the reason for the unusual ratio between head and core.

EXHIBIT C, Item 2

Fourth leaf, 20 day old seedling



EXHIBIT C, Item 4

Harvest mature leaves



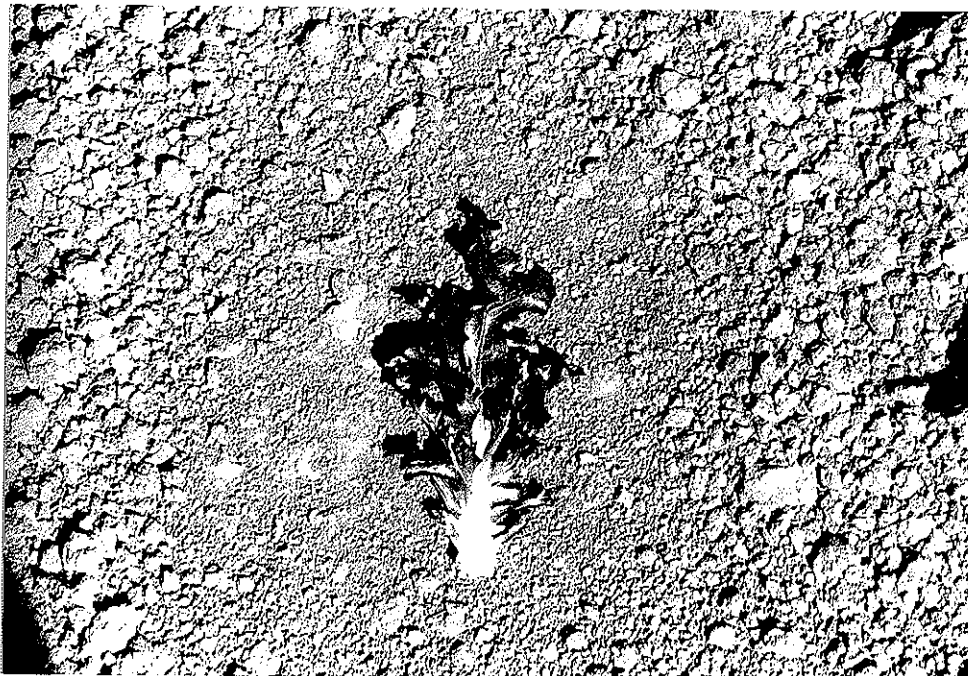
Red Salad Bowl (left) - Loneoak (right)

EXHIBIT D

Baby Leaf market stage



Loneoak



Red Salad Bowl

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)

Mission Ranches

2. TEMPORARY DESIGNATION
OR EXPERIMENTAL NUMBER

Red Oak

3. VARIETY NAME

Loneoak

4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)

100 Broadway
King City, CA 93930 USA

5. TELEPHONE (include area code)

(831) 385-1263

6. FAX (include area code)

(831) 385-3340

7. PVPO NUMBER

2000000201

8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain.

☒ YES

☐ NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company?
If no, give name of country

☒ YES

☐ NO

10. Is the applicant the original owner?

☒ YES

☐ NO

If no, please answer the following:

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?

☐ YES

☐ NO

If no, give name of country

b. If original rights to variety were owned by a company, is the original owner(s) a U.S. based company?

☐ YES

☐ NO

If no, give name of country

11. Additional explanation on ownership (if needed, use reverse for extra space):

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881 (voice) or (202) 720-7808 (TDD). To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.